We claim:

1.   A method for establishing voice communication between a first station and a second station using a first network and a second network, the method comprising the steps of:

receiving a data network address for a first station by a second station via a first communication channel routing over a first network, the data network address uniquely identifying the first station;

disconnecting from the first communication channel, the first station and the second station; and

causing a second communication channel for voice communication over the second network between the first station and the second station, using the data network address received at said second station.

2.   The method of Claim 1, wherein the first network includes data network and an IP gateway providing access to a circuit switched network serving the second station.

3.   The method of Claim 2, wherein the step of receiving a data network address for a first station by a second station further comprises the steps of:

identifying the IP gateway serving the second station; and

in response to identifying the IP gateway, determining a routing between the second network and said second station.

4.   The method of Claim 1, further comprising the step of:

storing the data network address into a memory associated with the second station, the memory removing the data network address after disconnecting the second communication channel.

5.   The method of Claim 1, further comprising the step of:

prior to performing the step of disconnecting the first communication channel, determining whether the first and second stations can support a communication channel for voice

communication over the second network; and

performing said disconnecting step between the second station and the first network if the first and second stations support voice communication over the second network.

6.   The method of Claim 5, wherein the step of determining whether the first and second stations can support a communication channel for voice communication over the second network further comprises the steps of:

signaling the second station from the first station; and

determining whether the first station receives an appropriate response signal from said second station.

7.   The method of Claim 1, further comprising the steps of:

determining whether the first and second stations have established the second communication channel over the second network; and

if it is determined that the first and second stations have not established said second communication channel over the second network, then automatically establishing a third communication channel between said first and second stations using a circuit switched network.

8.   The method of Claim 7, wherein the step of establishing the third communication channel between said first and second stations using a circuit switched network further comprises the step of:

selecting a service provider for the third communication channel from a provider list associated with the first station.

9.   The method of Claim 1, wherein the first station sends automatically the data network address to a second station via a first communication channel in response to a single activation means.

10.   The method of Claim 9, wherein the single activation means is a programmable button depression signal.

11.   The method of Claim 9, wherein the single activation means is a voice signal.

12.   The method of Claim 9, wherein the steps of disconnecting the first and second stations from the first communication channel and causing a second communication channel for voice communication over the second network are performed automatically after sending the data network address to the second station.

13.   The method of Claim 1, wherein the first station and the second station are telephonic devices.

14.   The method of Claim 1, wherein the second network is a data network.

15.   The method of Claim 1, wherein the second network is routed over the Internet.

16.   A method for establishing voice communication between a first station and a second station using data networks, the method comprising the steps of:

receiving a code from a first station at a second station, wherein the code uniquely identifies the first station;

establishing a communication channel between the first station and a data network having a network server, the network server assigning a data network address to the first station;

identifying the data network address of the first station based at least in part upon the code; and

establishing a communication channel between the first station and the second station for voice communication over the data network, using the data network address of said first station.

17.   The method of Claim 16, further comprising the steps of:

storing the code and the data network address into a memory; and

identifying the data network address of the first station by searching the memory

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for the code.

18.   The method of Claim 16, further comprising the steps of:

determining whether the code is invalid; and

disconnecting the communication channel between the first station and the data network if the code is invalid.

19.   The method of Claim 16, further comprising the steps of:

determining whether the first and second stations can support a communication channel for voice communication over the data network; and

wherein the step of performing said establishing step between the first station and the data network is performed only if the first and second stations can support a communication channel for voice communication over the data network.

20.   The method of Claim 16, further comprising the steps of:

determining whether the first and second stations have established a communication channel over the data network; and

if it is determined that the first and second stations have not established a communication channel over the data network, then automatically establishing a communication channel between said first and second stations using a circuit switched network.

21.   The method of Claim 20, wherein the step of establishing a communication channel between said first and second stations using a circuit switched network further comprises the step of:

selecting a service provider for the communication channel from a provider list associated with the first station.

22.   The method of Claim 16, wherein the first station connects to the data network automatically in response to a single activation means.

23.   The method of Claim 22, wherein the single activation means is a programmable button depression signal.

24.   The method of Claim 22, wherein the single activation means is a voice signal.

25.   In a data network system, a method for establishing a voice communication channel between a first station and a second station, the method comprising the steps of:

        receiving a code by a first station at a network server, the code uniquely identifying a second station;

        identifying a data network address of the first station based at least in part upon the code; and

        causing a communication channel between the first station and the second station to be established for voice communication through the data network, using the data network address of said first station.

26.   The method of Claim 25, further comprising the steps of:

        storing the data network address into a memory; and

        identifying the data network address of the first station by searching the memory for the code.

27.   The method of Claim 26, wherein the step of searching the memory for a code further comprises the steps of:

        transmitting the code identifying the first station by the second station; and

        transmitting a search request signal by the second station, the search request signal causing said memory to be searched.

28.   A method for establishing voice communication between a first station and a second station using data and circuit switched networks, wherein the second station is not linked to the data network, the method comprising the steps of:

        determining whether to establish a communication channel for voice

communication over the circuit switched network; and

if so, then establishing a telephonic connection between the first and second stations over the circuit switched network if it is determined that the communication channel should be established over the circuit switched network,

else triggering a single activation means wherein the first station automatically establishes a communication channel between the first and second stations for voice communication over the data and circuit switch networks.

29. The method of Claim 28, wherein the step of establishing the communication channel between the first station and the second station over the circuit switched network further comprises the step of:

selecting a service provider for the communication channel from a provider list associated with the first station.

30. A first station for initiating voice communication with a second station over a first network and a second network, the first station being a telephonic device comprising:

a storage medium having stored therein a plurality of programming modules including a code module and a call initialization module; and

a single activation means for causing the code module to transmit a code when the single activation means has been activated, the code routing over a first network, wherein the call initialization module of a second station to transmit an establish-communication-channel command which causes a communication channel to be established between the first and second stations over a second network based at least in part on the code, and if said single activation means has not been activated, the communication channel being established between the first and second stations over a circuit switched network.

31. The first station of Claim 30, wherein the code module transmits a code uniquely identifying the first station.

32.   The first station of Claim 30, wherein the storage medium further comprises a response module, the response module receiving a response signal from the second station wherein the call initialization module of the first station to transmit an establish-communication-channel command for enabling a communication channel to be established between the first and second stations over the second network.

33.   The first station of Claim 30, wherein the first network includes a data network and an IP gateway providing access to a circuit switched network serving the second station.

34.   The first station of Claim 30, further comprising:

a compatibility module for determining whether the second station supports a communication channel for voice communication over the second network, the compatibility module having a signaling unit and a detector unit.

35.   The first station of Claim 30, further comprising:

a network selection module for establishing a communication link with the second station if it is determined the communication channel is not established over the second network, said communication link to be established over a circuit switched network.

36.   The first station of Claim 35, wherein the communication link being established based on a provider list associated with said network selection module.

37.   The first station of Claim 30, wherein the second network is a data network.

38.   The first station of Claim 30, further comprising a user interface unit located at the first station, the user interface unit for indicating and selecting a calling feature option which said first station performs.

39.   The first station of Claim 38, wherein the user interface unit accesses a network server for modifying the calling feature option which the first station performs.

40. The first station of Claim 38, wherein the user interface is an interactive voice response application.

41. The first station of Claim 38, wherein the user interface is a visual display unit.

42. A first station for responding to an offer by a second station to establish voice communication, the first station being a telephonic device comprising:

a compatibility module receiving an offer by a second station to establish voice communication, the compatibility module for determining whether the second station supports voice communication over a data network, wherein the offer includes a code uniquely identifying said second station; and

a call initialization module for establishing a communication channel with the second station, the call initialization module to automatically transmit an establish-communication-channel command which causes a communication channel to be established between the first and second stations over a data network based at least in part on the code if it is determined that said second station supports voice communication over the data network.

43. A network server located on a data network for providing voice communication between a first station and a second station over the data network, the network server mapping a code to a data network address, the network server comprising:

a storage medium having stored therein a plurality of programming modules including a registration module, an address query module, and an address mapping module, wherein

the registration module registers a code and a data network address into a memory in response to a register command signal, the code uniquely identifying a first station and the data network address assigned to said first station when connected to a data network,

the address query module for causing a search to be performed on the memory, the search for the code performed in response to a search command signal, and

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the address mapping module for identifying the data network address assigned to the first station based on a result of the search; and

a channel establishment module for establishing a communication channel between the first station and a second station, the communication channel supporting voice communication over the data network.

44. The network server of Claim 43, further comprising:

an authentication module for determining whether the code is invalid.

45. The network server of Claim 43, wherein the memory having stored calling feature information and identifying a calling feature available to the first and second stations.

46. The network server of Claim 43, wherein the first station and the second station are telephonic devices.

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